

CLAIMS

What is claimed is:

- 1 1. A system for navigating in a window environment, comprising:
2 a processor having a display, and window environment software
3 installed on said processor;
4 a sequential digital control circuit coupled to said processor,
5 said control circuit adapted to positioning a pointer and making
6 a selection within a window on said display in response to input
7 circuits; and
8 a plurality of said input circuits coupled to said digital
9 control circuit, said input circuits adapted to receive
10 electromyographic signals.
- 2 2. The system of claim 1, wherein said window environment
3 software comprises an operating system having a graphical user
4 interface.
- 1 3. The system of claim 1, wherein said window environment
2 software comprises a graphical or drawing software application.

1 4. The system of claim 1, wherein said control circuit is adapted
2 to respond to two input circuits.

1 5. The system of claim 4, wherein said control circuit is adapted
2 to respond to a first input circuit for directional navigation
3 and respond to a second input circuit for selection.

1 6. The system of claim 1, wherein said input circuits are adapted
2 to receive electromyographic signals from embedded or surface
3 electrodes attached to a person.

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1 7. Navigating apparatus, comprising:

2 a processor having a display, and window environment software
3 installed on said processor;

4 a sequential digital control circuit coupled to said processor,
5 said control circuit adapted to positioning a pointer and making
6 a selection within a window on said display in response to input
7 circuits;

8 a plurality of said input circuits coupled to said digital
9 control circuit, said input circuits adapted to receive
10 neurotropic electrode signals; and

11 a chip having a plurality of neurotropic electrodes, said chip
12 connected to said plurality of said input circuits.

13 8. The navigation apparatus of claim 7, wherein said chip is
14 implanted in a brain of a person.

15 9. A method of navigating within a window environment, said method
16 comprising the steps of:

17 displaying a pointer within a window on a processor display
18 attached to a processor, said processor running window
19 environment software;

6 receiving a plurality of electromyographic signals by a plurality
7 of input circuits coupled to a sequential control circuit,
8 whereby said control circuit is coupled to said processor; and

9 operating said sequential control circuit in response to said
10 plurality of input circuits to position said cursor or make a
11 selection within said window.

1 10. The method of claim 9, wherein said processor is running an
2 operating system having a graphical user interface.

3 11. The method of claim 9, wherein said processor is running a
4 graphical or drawing software application.

5 12. The method of claim 9, further comprising receiving two
6 electromyographic signals by two input circuits.

7 13. The method of claim 12, further comprising operating said
8 sequential control circuit to position said cursor in response to
9 a first input circuit and make a selection in response to a
10 second input circuit.

1 14. The method of claim 9, further comprising receiving said
2 electromyographic signals from embedded or surface electrodes
3 attached to a person.

1 15. A method of navigating within a window environment, said
2 method comprising the steps of:

3 displaying a pointer within a window on a processor display
4 attached to a processor, said processor running window
5 environment software;

6 receiving a plurality of neurotropic signals by a plurality of
7 input circuits coupled to a sequential control circuit, whereby
8 said control circuit is coupled to said processor; and

9 operating said sequential control circuit in response to said
10 plurality of input circuits to position said cursor or make a
11 selection within said window.

1 16. The method of claim 15, further comprising receiving said
2 plurality of neurotropic signals from a two signal chip embedded
3 in the brain of a person.

1 17. The method of claim 15, further comprising the step of
2 activating one of said plurality of neurotropic signals by a
3 mental process.

1 18. The method of claim 17, whereby said mental process is
2 thought.

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